

Corvallis Watershed Road Log
 Road 2005, Starting at the Marys Peak Road (Rd 3000) and going north
 Surveyed by Ken McCall and Barb Ellis-Sugai
 Apr-05

Milepost from road junction with 3000	GIS culvert layer number	Location	Description	Bankful width	Culvert diameter (inches)	Culvert type	Fill height	Fill volume (Cubic Yards)	Drop at outlet (feet)	pipe condition	Comments
0.1			Ditch Relief culvert		15	cmp				half plugged inlet	
0.3		Intersection of Road 2005 and 2005-116									
0.3			Ditch Relief culvert		18	cmp					
0.38			Ditch Relief culvert		15	cmp				plugged inlet	
0.49			Ditch Relief culvert		15	cmp				half plugged inlet	
0.51	3083		Stream Crossing culvert (Bluff Springs)	5	18	cmp	12	159	2.5	Trash rack at inlet made of metal fence posts. Inlet 90% blocked.	Abandoned and breached beaver dam about 100' upstream of culvert.
0.65			Ditch Relief culvert		15	cmp				partially plugged, totally rusted	Replace culvert
0.7			Ditch relief pipe		18	cmp				inlet smashed, 30% plugged	
0.8			Ditch Relief pipe		15	cmp				rotten bottom, inlet clear.	
0.85	3082		Stream Crossing culvert.		15	cmp	2			bottom rusted, clear inlet, outlet has open downspout	small steep drainage
1			Ditch relief culvert.		15	cmp				Inlet smashed and half plugged.	
1.02		Small road and landing on the east side of 2005.									

Milepost from road junction with 3000	GIS culvert layer number	Location	Description	Bankful width	Culvert diameter (inches)	Culvert type	Fill height	Fill volume (Cubic Yards)	Drop at outlet (feet)	pipe condition	Comments
1.15	3081		Stream crossing culvert.		15	cmp	9	22	2	Pipe is rusted through in places, outlet mangled.	Small headwater stream.
1.2			Ditch Relief pipe.		18	cmp				Pipe in good shape	
1.25			Ditch Relief pipe.		18	aluminum				Pipe in good shape	
1.3			Ditch Relief pipe			cmp					
1.31			Ditch Relief pipe. Newer pipe in good shape.		18	cmp				Pipe in good shape	
1.5			Ditch Relief pipe. All rust.		15	cmp				Pipe all rust.	
1.55			Ditch Relief pipe.		15	cmp				All rust, shotgun outlet	
1.6		Intersection of Road 2005 and 2005-115									
1.7			Ditch relief pipe. Good shape.		18	cmp				Pipe in good shape.	
1.8			Ditch relief pipe.			cmp				Pipe rusted and smashed	Lots of water running down the ditch into this pipe.
1.85			Ditch relief pipe. Aluminum, good shape.		18	aluminum				Pipe in good shape.	
1.9		Intersection with 3405									
1.95	3080		Stream crossing. Outlet drops 2 feet onto a boulder cascade.		48	cmp	5	37	2		Outlet drops 2 feet onto a boulder cascade
2	3079		Stream crossing.		24	cmp	23	371	0	Culvert very rusty,	Replace culvert

Milepost from road junction with 3000	GIS culvert layer number	Location	Description	Bankful width	Culvert diameter (inches)	Culvert type	Fill height	Fill volume (Cubic Yards)	Drop at outlet (feet)	pipe condition	Comments
2.1	3078		Stream crossing/ditch relief.		15	cmp	3.5			Completely rusted	(This may be where the diverted water from the road above comes out.
2.12			Pipe 20' north of last one in dry swale where one would expect a stream.		18	aluminum					
2.14	3077		Stream crossing. Just south of NFK Chintimini Creek.		15	cmp	2			Culvert very rusty	
2.15	3076		NFK Chintimini Creek.		48	cmp	20	486			
2.4			Ditch Relief culvert		15	cmp					
2.5			Ditch Relief culvert in dry swale, pipe in good shape			cmp				Pipe in good shape	
2.55			Ditch relief culvert.		15	aluminum					
2.555		Intersection of 2005 and 2005-114 spur.									
2.6			Ditch relief pipe,		15	cmp				Pipe in poor condition	
2.8			Ditch relief pipe		18	aluminum					
2.85			Ditch relief pipe		18	aluminum					
3			Ditch relief pipe		18	aluminum					

Milepost from road junction with 3000	GIS culvert layer number	Location	Description	Bankful width	Culvert diameter (inches)	Culvert type	Fill height	Fill volume (Cubic Yards)	Drop at outlet (feet)	pipe condition	Comments
3.1	3075		N. Fk. Rock Creek Stream crossing culvert.	5.5	48	cmp	30	901	3	Inlet clear, culvert in mediocre shape. At the outlet, riprap had fallen into the culvert, and partially blocked it. Sediment had built up in the outlet end of the culvert.	

Corvallis Watershed Road Log
 Road 2005-114
 Surveyed by Ken McCall and Barb Ellis-Sugai
 April, 2005

distance in feet from road junction with 2005	GIS culvert layer number	fieldnotes	Culvert diameter (inches)	Drop at outlet	Bankful width	Recommend- ations	
925	3084	Stream crossing. 24" cmp, approximately 22' long. Sahlflow fill Inlet partially plugged.	24				
1280		Distance from trail crossing to 2005/2005-114 intersection.					

Corvallis Watershed Road Log
 Road 2005-116
 Surveyed by Ken McCall and Barb Ellis-Sugai
 April, 2005

distance in feet from road junction with 2005	GIS culvert layer number	fieldnotes					
2142		Very rusty ditch relief culvert					
0		length of road (intersection of 2005 and 2005-116)					

Corvallis Watershed Road Log
 Road 2005-115
 Surveyed by Ken McCall and Barb Ellis-Sugai
 April, 2005

distance in feet from road junction with 2005	Milepost from entrance of road	GIS culvert layer number	Description	Fill depth	Fill volume	Culvert diameter (inches)	Culvert type	Drop at outlet	Bankful width
0	0.00		Intersection of 115 and 2005.						
469.2	0.09		Ditch relief.			18	aluminum		
841.5	0.16		Ditch relief pipe in intermittent stream crossing.			15	cmp		
1147.5	0.22		Ditch relief pipe in dry swale.			15	cmp		
1326	0.25	3085	Stream crossing culvert. The inlet was 90% plugged with wood and cobbles. We cleared the inlet. Afterwards, the headcutting through the cobbles created a step-pool morphology.	12	164	48	cmp	3 ?	
1581	0.30		15' cmp with downspout. A fallen tree knocked the downspout off.			15	cmp		
1581	0.30		Begin of slump in sidecast						
1708.5	0.32		End slump in sidecast. Failure doesn't look recent.						
1958.4	0.37		All fo the ditch water from the diverted channels is flowing across the road and down the slope. Creating a new channel.						
2065.5	0.39		Beginning of sidecase failure						
2065.5	0.39	3086	Smalls tream crossing pipe. Fill depth is 3 feet. Upstream, a cat road diverted the stream out of this channel. It is flowing in a new channel just to the east of the old channel.			15	cmp		
2147.1	0.41		End active sidecast failure due to saturated road conditions from diverted channel.						
2422.5	0.46	3087	Stream crossing. A large, 4-5 foot log has fallen down the drainage and on top of the culvert. Couldn't find culvert. The culvert inlet is completely plugged and buried. Most of the flow is going down the ditchline. (This stream crossing is in a patc			no data		no data	
3187.5	0.60		Road ends in a plantation. The landing is above a steep draw with a large stream. (NFK Chintimini Creek)						

*Marys Peak Road
Reconnaissance for Marys River WA
Abandoned road off Peak Road (3000), just west of Starker property*

GIS culvert number	Field notes	Fill depth	road width	road length	Bankful width	Recommendation
3062	Water has cut a channel across the roadbed in the past. Inlet is partially plugged and totally smashed from past cleanout. 24" cmp. Outlet of pipe has eroded, pipe is sticking out of fill with a 2' drop	9	25	35	3.5	Remove fill and culvert.

*Road 3000-111 off Marys Peak Road
Surveyed by Ken McCall and Barb Ellis-Sugai
April, 2005*

Culvert number on GIS layer	Field notes	culvert diameter	fill depth	inlet fill slope	outlet fill slope	
3065	34" cmp is just below the confluence of two tributary streams. Inlet is clear, and the pipe is in good shape.	34	6	5		
3066	36" cmp. Inlet is clear, pipe is in good shape. The outlet is sticking out of the fill with a 2-3 foot drop. Fill depth is approx. 6'	36	15	15	15	

Corvallis Watershed Road Log
 Road 3405 along the mainstem of Rock Creek
 Surveyed by Ken McCall and Barb Ellis-Sugai
 Apr-05

Milepost from gate near HWY 34	GIS layer culvert number	Location	Description	Bankful width (feet)	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
0.5	3088		stream crossing		24	cmp		2		ok	inlet clear, 10" of sediment at outlet. Stream is incised 1' above culvert.
0.69		Intersection of Rd 3405 and Franklin Ridge Rd									
0.71	3089		intermittent stream		15	black plastic		2		ok	
0.9	3090	Griffith Creek	stream crossing	15.5	60	cmp	62	8	0	ok	Culvert is 67' long. Stream gradient is 3% (riffle to riffle). Bankful is 14 and 17'. Inlet clear. Has HUGE arrow- shaped steel trashrack at inlet. Pool is 30' long, approx. 4' deep at outlet. Overflow pipe is directly above and to right of big pipe.
1.21	3091	Just north of old steel railroad rail bridge.	stream crossing		18	concrete	287	19	0	Last segment has separated, 18" between last two segments.	

Milepost from gate near HWY 34	GIS layer culvert number	Location	Description	Bankful width (feet)	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
1.22	3092		intermittent stream		15	cmp		3.5	2	Inlet smashed. Pipe is bowed through road.	Channel is scoured all the way to Rock Creek.
1.3	not on GIS layer				15	concrete				Poor shape, needs replacing. Inlet is 50% plugged.	Couldn't find outlet. Fill is 3' at inlet.
1.31	not on GIS layer		swale above culvert, ditchline is wet								Should be a pipe here, but couldn't find one.
1.4		Intersection of Rd 3405 and Rd 3406.									
1.402	3093	at north end of intersection	swale above culvert, ditchline is wet		18	concrete		12		inlet clear	
1.405		dry swale			18	concrete	78	13		Inlet 20% full of dirt and debris, outlet 70% full of dirt (5" of open space at outlet)	

Milepost from gate near HWY 34	GIS layer culvert number	Location	Description	Bankful width (feet)	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
1.5	3094	Middle Fk Rock Creek	Major stream crossing.	14	60	cmp	1180	25	4.5	Pipe is in good shape	Bankful width is 14'. Stream gradient is 1.5%. Pipe is 70' long. Good potential fish habitat above pipe. Cobble/gravel stream substrate. Found 1 fish (unknown sp.) above pipe.
1.9			dry swale		18	concrete	203	18		Pipe is in good shape	
2		right next to old rock pit			18	concrete	360	25		pipe ok	
2.1	3095		small stream		18	concrete		9		Inlet 50% plugged.	Inlet partially plugged with large rock
2.15			dry swale		18	concrete	225	27		Pipe is in good shape	
2.2			dry swale		18	concrete	300	24	0	inlet clear, pipe in good shape	Can't see daylight through pipe. Outlet buried.
2.3					18	concrete	1398	46	1	culvert in good shape, culvert inlet clear	Fetid Adder's Tongue found around inlet area.
2.35			Steep swale		18	concrete		14		Inlet and outlet clear, pipe in good shape	More Fetid Adder's Tongue, false brome.
2.4	3096		stream crossing	2	18	concrete	1997	87	2	Pipe ok	Bankful width 24"
2.5	3097		stream crossing		18	concrete	521	31	0.5	pipe ok	

Milepost from gate near HWY 34	GIS layer culvert number	Location	Description	Bankful width (feet)	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
2.53	3098		stream crossing		18	concrete	106	9		Pipe is separating. 5 to 6 separations. Can't see through pipe	
2.565	3099		stream crossing		18	concrete	838	43	2	First 2 segments separated. 20% of water going through fill.	
2.615			ditch relief/dry swale		18	concrete				can't see through pipe	
2.7			dry swale		18	concrete	367	27		ok	
2.753	3100		stream crossing	4.5	24	concrete	2329	50		First section separated with a 2" gap. Water may be going through fill.	Bankful width 4.5'. Stream gradient flatter upstream, may have plugged in past.
2.8			seep/ditch relief		18	concrete		2		culvert in good shape.	
2.85			seep/ditch relief		18	concrete		2			
2.87			dry swale		18	concrete		6			top of pipe separating? Mushroom growing from roof of pipe.
2.95	3101		stream crossing	2	18	concrete	942	42	5	culvert in good shape	Bankful width 24". Moderately steep drainage.

Milepost from gate near HWY 34	GIS layer culvert number	Location	Description	Bankful width (feet)	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
3	3102		stream crossing		18	concrete	619 cy with 45' road length; 1331 cy with a 100' road length. See notes.	37		Inlet clear, last segment is disconnected .	Pipe is really skewed to right looking downstream. Direction perpendicular to road is 180 degrees, pipe is put in at 240 degrees. 60 degree skew. If old pipe is dug up, road length would be 100 feet. If new pipe is put in perpendicular to road with a d
3.02	3103		stream crossing		18	concrete	69	11	5	pipe in good shape	Outlet drop 5' to a half-cmp downspout that isn't connected to the concrete pipe.
3.15	3104		stream crossing		18	concrete	706	36	0	Pipe ok	Outlet of pipe has 3" of free space. 15" of sediment in bottom. 8' horizontal distance from outlet, the stream has a 4' drop. Channel above inlet is full of vine maple.
3.28	3124		stream crossing		18	coated cmp	731	38	0	ok	

Milepost from gate near HWY 34	GIS layer culvert number	Location	Description	Bankful width (feet)	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
3.34	3123		stream crossing		18	concrete		3		pl	Buried culvert, 3" sticking up out of sediment. NEEDS FIXING. Fill saturated.
3.37	3122		major stream crossing	2	18	concrete	243	29	2	pipe separating, has bow in it.	Several partial separations
3.44			ditch relief		18	concrete		7		ok	
3.50	3121	just south of intersection	stream crossing	2	18	concrete	335	17	0	ok	
3.56		intersection of 3405 and 3408									
3.57			ditch relief		18	concrete		7			outlet 20% full of sediment
3.63			ditch relief		18	concrete		2			
3.68			ditch relief		18	concrete		2		ok	
3.73	3120		stream crossing	2	18	concrete	12	3		ok	
3.77			ditch relief		18	concrete		3		ok	
3.88		SFK Rock Cr Bridge									

Corvallis Watershed Road Log
Road 3405-111
Surveyed by Ken McCall and Barb Ellis-Sugai
May, 2005

Milepost from bridge across Rock Cr	GIS layer culvert number	Location	Description	Bankful width	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
0.03	3105	right before switchback after bridge			15	cmp		3		inlet complete plugged, rusted out	
0.4	3106		intermittent stream channel		13	smooth steel pipe	28	5	3.5	OK	
0.42	3107		intermittent stream channel		30	cmp	110	10	0	rusty.	water disperses onto riprap at outlet. Pipe is skewed 15 degrees to east of perpendicular with road.
0.6			ditch relief		13	smooth steel pipe		1		rusty, 0 mashed	Needs to be replaced. Outlet full of sediment, flat gradient.
			ditch relief/swale		13	smooth steel pipe		4		rusty, mashed	Inlet and outlet covered with poison oak. Needs replacing.
0.8			Big swale		18	aluminum	25	5		Inlet 15% plugged. Outlet is shotgun about 7'.	Pipe at to pof headwall, trickle coming out of the pipe. Pipe has been replaced.
0.9		Road turns right gently.									

Milepost from bridge across Rock Cr	GIS layer culvert number	Location	Description	Bankful width	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
1			ditch relief			smooth steel pipe		3		completely plugged at outlet. 12' shotgun at outlet.	
1.05			ditch relief		13	smooth steel pipe		4		inlet smashed, 75% plugged	Gentle slope below.
1.1		Abandoned road to left									
1.12	3108		Major stream crossing	2	24	black plastic overflow pipe					Drainage upstream is full of white oak (Q. garryana). Inlet buried under a sediment wedge. Water flow disappears into sediment approx. 30' upstream from culvert. Pipes thru fill to come out on outlet side. Can't find true outlet. Humboldt crossing?
1.3		Road to left. Took picture of S. Fk Rock Cr.									

Milepost from bridge across Rock Cr	GIS layer culvert number	Location	Description	Bankful width	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
1.4	3109		stream crossing	3	30	coated cmp	154	7	3	Fair shape. Inlet fill is scoured 2' past the culvert inlet.	Stream is scoured all the way to SFK Rock Cr, approx. 100'.
1.45			ditch relief		12	cmp		2		Rusty, inlet smashed	Needs replacing.
1.59	3110		Major stream crossing	6.7	48	cmp	109	7	1.5	Good	Stream gradient is 2% above culvert. Nice stream with pools, undercut banks, good cover from logs and vegetation. Saw 4 juvenile fish in pool. Outlet is 5' from SFK Rock Creek.
1.7			ditch relief		13	smooth steel pipe		2		non functional, rusty	
1.8			ditch relief		13	smooth steel pipe		2		Rusty, inlet smashed	Can't find outlet

Milepost from bridge across Rock Cr	GIS layer culvert number	Location	Description	Bankful width	culvert diameter (inches)	culvert type	Fill Volume (C.Y.)	Fill height (feet)	outlet drop (feet)	pipe condition	Comments
1.9	3111		Major stream crossing (Stilson Creek?)	6	60	cmp		19	5	Separated at the center of the pipe.	Stream has 2% gradient, cobble/gravel bottom. Some cobbles in the bottom of the culvert. Inlet clear. Another road is parallel to main road, and below it on outlet side. Width of upper road is 19', then 8', 60% slope to lower road. Lower road is 21'
2	3112		small stream crossing	1	15	aluminum		2		good	
2.1			ditch relief drains slumpy area		13	smooth steel pipe		2	3		
2.2	3113		1 of 2 pipes 100' apart, small streams		24	black plastic		3			
2.21	3114		1 of 2 pipes 100' apart, small streams		12	cmp		3			
2.3			ditch relief		12	cmp				good	
2.4		End of road next to outlet of reservoir									

Corvallis Watershed Road Log
 Road 3405-113
 Surveyed by Ken McCall and Barb Ellis-Sugai
 Feb-05

distance in feet from road junction with 3405	Milepost from entrance of road	GIS culvert layer number	Description	Bankful width	Culvert diameter	Fill Height	Fill Volume (cubic yards)	Drop at outlet	Culvert condition	Comments
0	0		Junction of 3405000 and 3405113							
463	0.09	3051	Earthflow slump has a perf pipe runnning in ditchline to drain the slump. The perf pipe empties into a 18" metal pipe that serves as a cross-drain.	2		2	no data			
753	0.14	3052	Culvert in middle of quarry floor.							
948	0.18	3053	Stream crossing. Concrete pipe,		18	24	no data		Pipe in good shape, 60% plugged.	Very steep draw above pipe.
1873	0.35	3054	Stream crossing. Concrete pipe,	11	36	65	no data		3 partial separations, one at outlet, 2 approximately 25' in pipe from outlet	Major stream crossing in a deeply incised channel with a deep fill.
2303	0.44		ditch relief pipe.		18					
2411	0.46	3055	Stream crossing, metal pipe.	4	30	6	no data			Major stream crossing, looks like a huge debris torrent was deposited upstream of road. Long downspout (approx. 60' long) on end of pipe, with a 10' drop.

distance in feet from road junction with 3405	Milepost from entrance of road	GIS culvert layer number	Description	Bankful width	Culvert diameter	Fill Height	Fill Volume (cubic yards)	Drop at outlet	Culvert condition	Comments
3346	0.63	3056	Stream crossing, concrete pipe. I	3.5	36	21	no data	2	Inlet partially plugged.	The outlet drops over a bedrock cascade that is 4' long with a 2' drop
3992	0.76		Ditch-relief pipe.						Can't find outlet or see through pipe.	
4458	0.84		Ditch-relief pipe in earthflow. aluminum pipe.		18					
4633	0.88	3057	Stream crossing, aluminum pipe with a full-round downspout. Debris torrent/earthflow with large boulders. Alder growing on it.		36				Inlet partially plugged. Outlet has full-round downspout.	Leave a wide, shallow swale when the culvert is pulled, about 50' in width.
5253	0.99	3058	Stream crossing, concrete pipe.	3	18			3	Debris at inlet. Pipe is separated at first joining, half- separated at second joint.	The stream channel should be about 9' below the outlet of the pipe.
5638	1.07		Ditch Relief concrete pipe. .	2	18				OK	
5933	1.12		Ditch Relief concrete pipe. .		18				OK	

Corvallis Watershed Road Log
 Road 3408
 Surveyed by Ken McCall and Barb Ellis-Sugai
 May, 2005

feet starting at intersection of 3408 and 3408- 116, going east	Milepost	GIS layer culvert number	Location	Description	culvert diameter (inches)	culvert type	Fill height (feet)	outlet drop (feet)	pipe condition	bankful	Comments
0			Starting at intersection of 3408 and 3408- 116								
510				ditch relief	18	coated cmp	3		ok		
1360				ditch relief	15	coated cmp	5				
1650				begin sidecast slumping							Shoulder slumping 2' vertically, 2-3 ' back from edge of road. Small stream in middle of slump, no culvert. Spring 25' above the road. Water appears to pipe through fill. Incipient channel forming at bottom of slump.
1685				end slidecast slumping							
1760				begin sidecast slumping							

feet starting at intersection of 3408 and 3408- 116, going east	Milepost	GIS layer culvert number	Location	Description	culvert diameter (inches)	culvert type	Fill height (feet)	outlet drop (feet)	pipe condition	bankful	Comments
1790				end slidecast slumping							
2050				begin sidecast slumping							
2110				end slidecast slumping							
2092				ditch relief	15	coated cmp					
2615				small slump							
2630				ditch relief							

Corvallis Watershed Road Log
 Road 3408-116
 Surveyed by Ken McCall and Barb Ellis-Sugai
 May, 2005

Milepost, starting at entrance of road	GIS number	Location	Description	bankful width	culvert diameter (inches)	culvert type	Fill height (feet)	Fill Volume (Cubic Yards)	outlet drop (feet)	pipe condition	Comments
0		entrance of 3408- 116								ok	
0.02			ditch relief		18	cmp				ok	
0.23	3115		stream crossing		18	coated cmp	4	24		ok	
0.28			ditch relief		18	coated cmp	3			ok	
0.36	3116		major stream crossing		18	coated cmp	18	138	1.5		Shoulder at outlet is slumping. Inlet is armored with riprap, inlet smashed. Outlet flows over a series of boulders below the 1.5' drop.
0.45	3117		stream crossing		24	coated cmp	5			ok	
0.51	3118		stream crossing	3' trib to west, 2' trib to east	24	coated cmp	27	541	0		Confluence of two streams is at inlet of culvert.
0.81	3119		major stream crossing	3	48	coated cmp	40	1588		pp	Inlet is bevelled. 20% plugged inlet, old growth windfall across stream 10' upstream from culvert. Outlet has two pipes side- by-side, one is 32", one is 48", both are bevelled. Can't find two inlets.
0.81			ditch relief		18	coated cmp				ok	Pipe sagging in middle

Corvallis Watershed Road Log
 Road 3409: Starting at intersestion of 3405 and 3409 near intake on SFK Rock Creek, heading up the hill on Road 3409
 20-Apr-05
 Ken McCall and Barb Ellis-Sugai

Milepost from intersection of Rd 3405 and 3409	GIS culvert number	Location	Description	culvert diameter (inches)	culvert type	Fill height (feet)	Fill Volume (cubic yards)	outlet drop (feet)	pipe condition	Comments
0		Intersection of Road 3405 and 3409 at intake on S.Fk Rock Creek	Ditch Relief culvert	15"	bituminous coated cmp	2				lots of water flowing through it
0.02		Rd 3409	Ditch Relief culvert	15"	cmp					under spur road, culvert is parallel to main road
0.05		Rd 3409 at property boundary	Ditch Relief culvert	15"	cmp				ok	pipe is a third full of sediment
0.2		Rd 3409 intersection with road to dam								
0.3		Rd 3409	Ditch Relief culvert	15"	coated cmp				ok	
0.4		Rd 3409	Ditch Relief culvert	15"	coated cmp				ok	pipe is a third full of sediment
0.45		Rd 3409 NF boundary sign								
0.5	3074	Rd 3409	Stream crossing culvert	24	coated cmp	41	1027	2	ok	Inlet valley full of blowdown and large sticks. Inlet underneath debris, doucn't see it. Water is flowing unimpeded. Bob said that Beaver have plugged this culvert in the past, and water has run over the road.

Milepost from intersection of Rd 3405 and 3409	GIS culvert number	Location	Description	culvert diameter (inches)	culvert type	Fill height (feet)	Fill Volume (cubic yards)	outlet drop (feet)	pipe condition	Comments
.5 to .7		Rd 3409	water standing in ditchline							
0.57		Rd 3409	Ditch Relief culvert	15	cmp				ok	2" of sediment in bottom of pipe.
0.6		Rd 3409	Natural piping appears to be going under the road.							10' deep hole on upstream side of road. No metal pipe. Comes out in small gully on downhill side, approximately 30' below road. Recommend: Dig out road, pit in riprap and pipe to allow seepage to go through road.
0.65		Rd 3409	Ditch Relief culvert	18	coated cmp				ok	Sediment in bottom of pipe.
0.7		Rd 3409	Stream crossing culvert	18	coated cmp	11	112	0.5	ok	12" coated cmp perf pipe coming into culvert. Water is running through perf pipe, which is in bad shape. Tree growing in front of outlet. Area is seepy, with lots of little springs below road.
0.8		Rd 3409	Ditch Relief culvert	18	coated cmp				ok	2" sediment in bottom
0.85		Rd 3409	Ditch Relief culvert	18	coated cmp				pp	40% plugged
0.9		Rd 3409	Ditch Relief culvert	15		5			ok	pipe is at a seep

Milepost from intersection of Rd 3405 and 3409	GIS culvert number	Location	Description	culvert diameter (inches)	culvert type	Fill height (feet)	Fill Volume (cubic yards)	outlet drop (feet)	pipe condition	Comments
1.09		Rd 3409	Ditch Relief pipe in slump in road. 45' wide past first sharp corner in switchback.	18	coated cmp					Pipe has no discharge. Inlet is trashed and half plugged.
1.2		Rd 3409	Ditch Relief culvert	18	cmp					
1.25		Rd 3409	Ditch Relief culvert	15	coated cmp				ok	
1.3		Rd 3409	Ditch Relief culvert	15	cmp				pp	Culvert is half full of sediment.
1.4		Rd 3409	Ditch Relief culvert	15	coated cmp				ok	Outlet is sticking out of the fill approx. 8'.
1.45		Rd 3409	Ditch Relief culvert	15	coated cmp					Pipe has a severe bow in it. Looks like downspout was disconnected from the pipe when a cherry tree fell on it.
1.5		Rd 3409	Ditch Relief culvert	15	coated cmp				ok	Half full of sediment
1.6		Rd 3409	Ditch Relief culvert	15	coated cmp					
1.7		Rd 3409	Ditch Relief culvert	15	coated cmp					
1.8		Rd 3409	Ditch Relief culvert	15	cmp	15				10' of pipe sticking out of fill at outlet.
1.9		Rd 3409	False brome?							
2.1		intersection of road 3409 and 3409-115								

Milepost from intersection of Rd 3405 and 3409	GIS culvert number	Location	Description	culvert diameter (inches)	culvert type	Fill height (feet)	Fill Volume (cubic yards)	outlet drop (feet)	pipe condition	Comments
2.4		intersection of road 3409 and 3409-116								
2.6		Rd 3409	Ditch Relief culvert	15	cmp				half plugged	
2.8		Rd 3409	Ditch Relief culvert	15	coated cmp					
2.9		Rd 3409	Ditch Relief culvert	15	coated cmp				half full of sediment	
3.3		Rd 3409	Ditch Relief culvert	15	coated cmp					Swale with 10-12' fill, dry swale. (Slump scarp?)
3.4		intersection of road 3409 and 3409-117								
3.5		Road 3409 and intersection of "teardrop" (intersection of 3409 and 3405)								

Corvallis Watershed Road Log
Road 3409-115 (Surveyed by Barb Ellis-Sugai)
20-Apr-05

feet starting at entrance of road	Milepost from entrance of road	GIS culvert number	Location	Description	culvert diameter (inches)	culvert type	Fill height (feet)	Fill Volume (cubic yards)	outlet drop (feet)	pipe condition	Comments
0	0			intersection of road 3409-115 and 3409							
1490	0.28	3069		stream crossing?	18	cmp	3	57	0	some rust, pipe clear	inlet clear, no water. Bottom of pipe is damp, but looks like stream started downhill from road.
1498	0.28			curve to right on road, walking toward entrance of road							
1851	0.35			Dry swale							deep bowl on uphill side of road
2758	0.52	3070		Small steep stream crossing	18	cmp	28	336	2	partially plugged	inlet half plugged with large chunk of wood
2834	0.54	3071		stream crossing	18	coated cmp	25	40	2.5	clear, in good shape	Too many downed trees to get all the measurements.
3109	0.59	3072		Major stream crossing	24	cmp	31	1123	2	rusty, cuvlert 3/4 plugged	
3467	0.66			Ditch Relief cuvlert							no water
3960	0.75		at last curve on road as it goes down the ridge								

Corvallis Watershed Road Log
Road 3409-116 (Surveyed by Ken McCall)

Roadbed is nearly overgrown with salal, ditchline and cut slopes have dense conifer reprod, small diameter. Will be fairly easy to re-open, but difficult to walk.
20-Apr-05

feet starting at entrance of road	Milepost from entrance of road	GIS culvert number	Location	Description	Bankfull width	culvert diameter (inches)	culvert type	Fill height (feet)	Fill volume (Cu Yards)	Inlet fill slope length	Inlet fill slope %	outlet fill slope length	outlet fill slope %	road width	upstream road length	downstream road length	outlet drop (feet)	pipe condition	Comments
0	0		Intersection of Road 3409 and Rd 3409-116																
450	0.09			Ditch Relief Culvert		15	coated cmp											ok	
720	0.14			Ditch Relief Culvert		15	coated cmp											ok	
925	0.18			Ditch Relief Culvert/dry swale		15	coated cmp	22	198	14	30	31	50	16	30	40	0	ok	
1170	0.22	3073		Wet swale		15	coated cmp	23	371	13	40	34	60	18	45	55	0	ok	pipe is running a trickle of water
1620	0.31			Shallow dry swale		18	coated cmp	10										ok	
2485	0.47	3074		Intermittent stream crossing	1.5	18	coated cmp	17	78	8	20	26	50	20	18	26		ok	
2880	0.55		White carsonite post marking yew wood "super tree" on uphill side of road																
3195	0.61	3075		Live stream crossing	3	18	coated cmp	33	251	17	30	50	55	20	22	26		slight separation at first joint, full separation at last joint will fill failure over separation (about 15' from 4 outlet).	

feet starting at entrance of road	Milepost from entrance of road	GIS culvert number	Location	Descripti on	Bankful width	culvert diameter (inches)	culvert type	Fill height (feet)	Fill volume (Cu Yards)	Inlet fill slope length	Inlet fill slope %	outlet fill slope length	outlet fill slope %	road width	upstream road length	downstre am road length	outlet drop (feet)	pipe condition	Comments
3750	0.71	3076		Live stream crossing	5	24	coated cmp	23	282	14	40	32	55	32	23	33		ok	Pipe in wide curved fill, scour at inlet has cut into fill about 4' past pipe inlet. Water ponding in scour, then entering pipe.
3800	0.72			End survey															Road enters a 1980's plantation and proceeds out ridge. INFRA lists the road at 0.9 miles at edge of plantation. Road is blocked with snow break and windfall reprod.

Corvallis Watershed Road Log
Road 3409-117
Surveyed by Ken McCall and Barb Ellis-Sugai
20-Apr-05

feet starting at entrance of road	Milepost from entrance of road	Location	Description	culvert diameter (inches)	culvert type	Fill height (feet)	Inlet fill slope length	Inlet fill slope %	outlet fill slope length	outlet fill slope length	road width	upstream road length	downstre am road length	outlet drop (feet)	pipe condition	Comments
0		intersection n of road 3409 and road 3409- 117														
0			Ditch relief culvert on other approach to road												ok	
229			Ditch Relief Culvert												bottom rusted out, bowed, separated	ditch relief culvert in swale.
1680			Ditch Relief Culvert												inlet buried	water dripping out of outlet.

Dinner Creek non-system FS road
 Surveyed by Ken McCall and Barb Ellis-Sugai
 Apr-05

Distance from FS road junction with Starker roads (feet)	Distance from FS road junction with Starker Roads (miles)	Culvert number on GIS culvert layer	Field Notes	Recommendations
0	0		Junction of FS road with Starker road.	
370	0.07		String ran out not far from end of road. Paced the rest of the distance.	
1170	0.22		Blow-down patch of timber in draw.	
1425	0.27		Begin sidecast removal at large fir.	Remove sidecast
1580	0.30		End sidecast removal	
1615	0.31	3059	Stream crossing. Inlet completely plugged, stream running over road. Pipe sticking out of fill. Sediment at inlet is level with the road bed. Drop from road bed to bottom of plunge pool is 7'.	Remove culvert and fill.
1840	0.35		begin sidecast removal	Remove sidecast
1950	0.37		end sidecast removal	
1980	0.38	3060	stream crossing that appears to have had logs placed in streambed, no culvert. Blown out. Width of stream crossing, approx. 30'. Recommend removing the remaining logs and dirt in the stream crossing.	Remove remaining logs in road/stream crossing and scatter them downhill.
2220	0.42		beginning of patch of Scotch broom on road	Work with noxious weed program to eradicate Scotch broom.
2380	0.45		end of patch of Scotch broom on road	
2855	0.54		log truck road to landing on top of ridge	
3045	0.58		road going east to Starker property (415' to property boundary on this road)	
4920	0.93		landing at end of road	